

Patent claims

1. A suction jet pump, comprising a propulsion jet nozzle with a round nozzle orifice, a mixing tube, 5 an intake orifice, and a suction line arranged thereon, **characterized** in that at least part of the mixing tube (14) is arranged in a pot (8).
2. The suction jet pump as claimed in claim 1, 10 **characterized** in that the outlet orifice (16) of the mixing tube (14) is arranged inside the pot (8).
3. The suction jet pump as claimed in claims 1 and 2, 15 **characterized** in that the mixing tube (14) is arranged at an angle deviating from the horizontal with respect to its axial extent.
4. The suction jet pump as claimed in claim 3, 20 **characterized** in that the mixing tube (14) is arranged vertically with respect to its axial extent.
5. The suction jet pump as claimed in claim 3, 25 **characterized** in that the mixing tube (14) is arranged at an angle of between 5° and 85°, preferably of between 20° and 70°, with respect to its axial extent.
- 30 6. The suction jet pump as claimed in at least one of the preceding claims, **characterized** in that the pot (8) is connected to the suction jet pump (9).
7. The suction jet pump as claimed in claim 6, 35 **characterized** in that the pot (8) is connected to the suction jet pump (9) by means of a latch or plug connection.

8. The suction jet pump as claimed in claim 6, **characterized** in that the pot (8) is integrally formed on the suction jet pump (9).

9. The suction jet pump as claimed in claim 8, **characterized** in that the pot (8) is welded or adhesively bonded to the suction jet pump (9).

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10. The suction jet pump as claimed in at least one of the preceding claims, **characterized** in that the pot (8) is formed on a baffle (5) or in a region of the baffle (5).